

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2002-01  
First Inventor Robert Hammer  
Title Conducted Heat Vector Sensor  
Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 22]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
- Oath or Declaration [Total Pages 1]
  - ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:  
Prior application information. Examiner Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)	or	<input checked="" type="checkbox"/> Correspondence address below
Name Lawrence W. Langley			
Address 2733 Big Falls Road			
City Blacksburg	State VA	Zip Code 24060	
Country USA	Telephone 540-633-2733	Fax	

Name (Print/Type) Lawrence W. Langley	Registration No. (Attorney/Agent) 32,151
Signature <i>Lawrence W. Langley</i>	Date 1/4/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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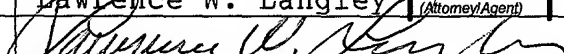
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<b>FEE TRANSMITTAL</b> <b>for FY 2002</b> <i>Patent fees are subject to annual revision.</i>		<b>Complete if Known</b>	
		Application Number	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	
		First Named Inventor	Robert Hammer
TOTAL AMOUNT OF PAYMENT (\$)		Examiner Name	
		Group Art Unit	
370		Attorney Docket No.	2002-01

<b>METHOD OF PAYMENT</b> (check all that apply)		<b>FEE CALCULATION</b> (continued)																																																																																																																																																																																											
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\*\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Lawrence W. Langley	Registration No. (Attorney/Agent)	32,151
Signature		Telephone	540-633-2733
		Date	4 Jan 2002

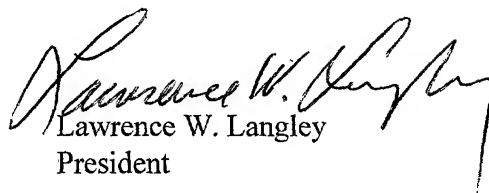
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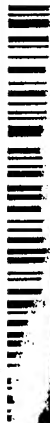
January 5, 2002

I hereby affirm that exclusive rights to the attached patent application entitled "Conductive Heat Vector Sensor" have been conveyed to Vatell Corporation by the inventors Robert Hammer and Lawrence W. Langley, and that Vatell Corporation is a small entity as defined in 37CFR §1.9(d).

  
Lawrence W. Langley  
President

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT  
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL



U.S. POSTAGE

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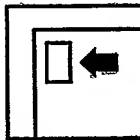
#### 1. COMPLETE ADDRESS LABEL AREA

Type or print required return  
address and addressee information  
in customer block (white area)  
or on label (if provided).



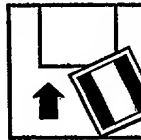
#### 2. PAYMENT METHOD

Affix postage or meter strip to area  
indicated in upper right hand corner.



#### 3. ATTACH LABEL (if provided)

Remove label backing and adhere  
over customer address block area  
(white area).



Vatell Corp  
P.O. Box 66  
Christiansburg, VA 24068  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231



NO RECEIPT  
REQUESTED